[54]	PLASTICATION CONTROL SYSTEM FOR
	INJECTION MOLDING MACHINES

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## Related U.S. Application Data

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[51] Int. Cl...... B29f 1/04, B29b 1/10

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## [57] ABSTRACT

A plastication control system for controlling the shot size and plastication time of an injection molding machine. The control system includes a computer which calculates the screw speed based on the operating conditions of the immediately preceding cycle in order to control the plastication time to a predetermined value. Additionally, the system controls the back pressure applied to the rotating screw in order to maintain the melt temperature of the plastic at the forward end of the barrel at a predetermined value.

## 3 Claims, 3 Drawing Figures

